



Patio Heater

Instruction Manual



For outdoor use only

Uses propane or LPG only

Reflector: Dia.813mm (32")

Total height: 2241mm (88.2")

Regulator outlet pressure: 28 mbar

Max. power:13kW

Min.power: 5kW

Please retain this manual for reference.





WARNING



- **READ THE INSTRUCTIONS BEFORE USE.**
- This appliance must be installed in accordance with such regulations as are in force.
- This appliance requires installation by a competent person.
- Use only in well-ventilated areas.
- This appliance shall be not used indoors.
- This appliance shall be used for outdoors only.
- This appliance shall not be used in basements or enclosed areas.
- This appliance has no atmospheric sensing device. It shall be used for outdoor use only.
- This appliance requires approved hose and regulator that are defined under the **GAS REQUIREMENTS** in the manual, or check with your gas supplier.
- Do not place items on or against this appliance.
- Do not store chemicals or flammable materials or spray aerosols near this appliance.
- Do not operate this appliance in an explosive atmosphere like in areas where gasoline or other flammable liquids or vapors are stored.



WARNING



- Turn off the gas valve immediately if smell of gas is detected.
- Extinguish any open flame.



WARNING



The user assumes all risk in the assembly and operation of the gas heater. Failure to follow the warnings and instructions in this manual can result in severe personal injury, death or property damage. If user cannot read or fully understand the instruction manual, please contact your dealer. Supplier will not be responsible for user's negligence.

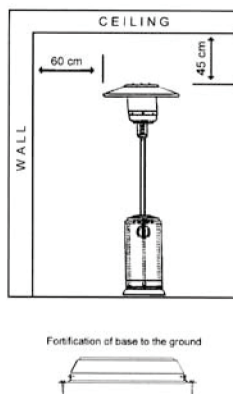
CAUTION

PLEASE READ CAREFULLY THE FOLLOWING SAFETY GUIDELINES BEFORE OPERATION.

- This patio heater is for outdoor use only (see attached diagrammatical representations of outdoor areas).
- This outdoor heater is not intended to be installed on recreational vehicles and/or boats.
- Do not use the heater indoors.
- Do not use the heater in the basements or below ground level.
- Gas heater without atmospheric sensing device should only be used outdoors.
- The installation must conform to appropriate State regulations.
- Repair should be done by a qualified service person.
- Improper installation, adjustment, alteration can cause personal injury or property damage.
- Do not attempt to alter the unit in any manner.
- Never replace or substitute the regulator with any regulator other than the factory-suggested replacement.
- Remove packaging before use.
- Do not store or use gasoline or other flammable vapors or liquids in the heater unit.
- Plumbing tape must be used for all threaded gas connections to prevent leakage.
- The whole gas system, hose, regulator, pilot or burner should be inspected for leaks or damage before use, and at least annually by a competent person.
- All leak tests should be done with a soapy water solution. Never use an open flame to check for leaks.
- Do not use the heater until all connections have been leak tested.
- Turn off the gas valve immediately if smell of gas is detected.
- Do not transport the heater while it's operating.
- Do not move the heater after it has been turned off until it is completely cooled.
- Keep the ventilation opening of the cylinder enclosure free and clear of debris.
- Do not paint the radiant screen, control panel or top canopy reflector.
- Control compartment, burner and circulation air passageways of the heater must be kept clean. Frequent cleaning may be required as necessary.
- The gas cylinder should be turned off when the heater is not in use.
- Check the heater immediately if any of the following occurs:
 - The heater does not reach temperature.
 - The burner makes popping noise during use (a slight noise is normal when the burner is extinguished).
 - Smell of gas in conjunction with extreme yellow tipping of the burner flames.
- Avoid inhaling fumes emitted from the heater's first use. Smoke and odor from the burning of oils used in manufacturing will appear. Both the smoke and odor will dissipate after approximately 30 minutes.
- The hose assembly must be located out of pathways where people may trip over it or in area where the hose will not be subjected to accidental damage.
- Avoid twisting the flexible tubes and hoses.
- Any guard or other protective device removed for servicing the heater must be replaced before operating the heater.
- Adults and children should stay away from high temperature surfaces to avoid burns or clothing ignition.
- Children should be carefully supervised when they are in the area of the heater.
- Clothing or other flammable materials should not be hung on the heater or placed on or near the heater.

HEATER LOCATION

- The heater is for outdoor use only (see attached diagrammatical representations of outdoor areas). Do not use it for indoors or in an enclosed area. Always ensure that adequate fresh air ventilation is provided.
- Do not use the heater indoors.
- Do not use the heater in basements or enclosed areas.
- Always maintain 48 " clearance from combustible materials, or minimum 24 " top 24 " sides.
- Heater must be placed on level firm ground.
- Never operate heater in an explosive atmosphere like in areas where gasoline or other flammable liquids or vapors are stored.
- To protect heater from strong wind, anchor the base securely to the ground with screws.



GAS REQUIREMENTS

- Use propane or LPG only.
- The heater is designed for use with 20-lbs. cylinder.
- The appliance requires approved gas hose in 47 " length and a regulator.
- Regulator maximum inlet pressure must not exceed 690 kPa (100 PSI).
- Regulator outlet pressure to be 28 mbar (2.8 kPa or 11" W.C.).
- The hose and regulator assembly must conform to local standard codes.
- The installation must conform to local codes, or in the absence of local codes, to the standard for the storage and handling of liquid petroleum gases.
- A dented, rusted or damaged gas cylinder may be hazardous and should be checked by your gas supplier. Never use a gas cylinder with a damaged valve connection.
- The gas cylinder must be arranged to provide for vapor withdrawal from the operating cylinder.
- Avoid twisting the flexible tubes and hoses.
- Never connect an unregulated gas cylinder to the heater.
- Disconnect the gas cylinder when the heater is not in use.

LEAKAGE TEST

Gas connections on the heater are leak tested at the factory prior to shipment. A complete gas tightness check must be performed at the installation site due to possible mishandling in shipment or excessive pressure being applied to the heater. The heater must be checked with a full cylinder.

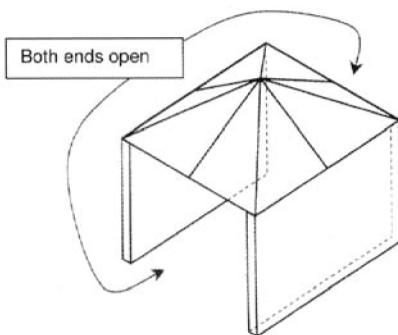
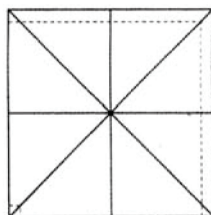
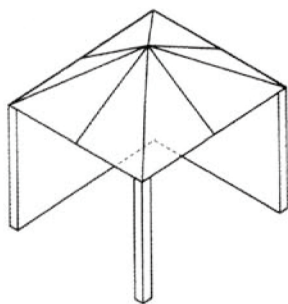
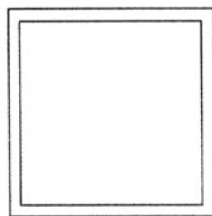
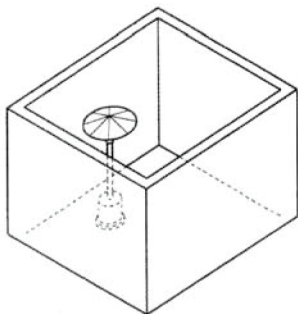
1. Make sure the safety control valve is in the OFF position.
2. Make a soapy water solution of one part liquid detergent and one part water. The soapy water solution can be applied with a spray bottle, brush or rag to all gas connections. Soap bubbles will appear in case of a leak.

WARNING

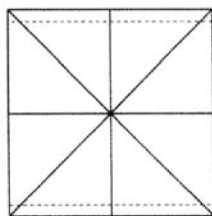
Never leak test while smoking.

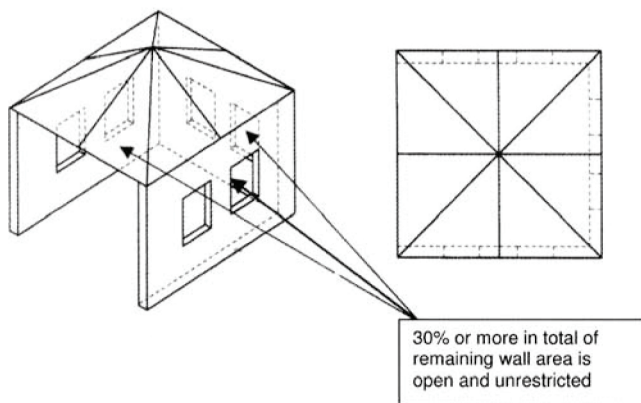
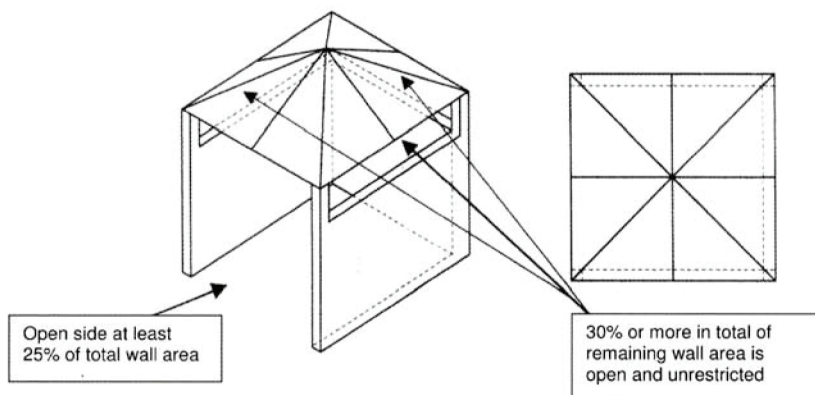
3. Turn the gas supply ON.
4. In case of a leak, turn off the gas supply. Tighten any leaking fittings, then turn the gas supply ON and recheck. Contact your dealer or gas supplier for assistance if bubbles continue to appear.
5. Ensure you are using plumbing (teflon) tape on the threaded parts of all fittings.

DIAGRAMMATICAL REPRESENTATIONS OF OUTDOOR AREAS

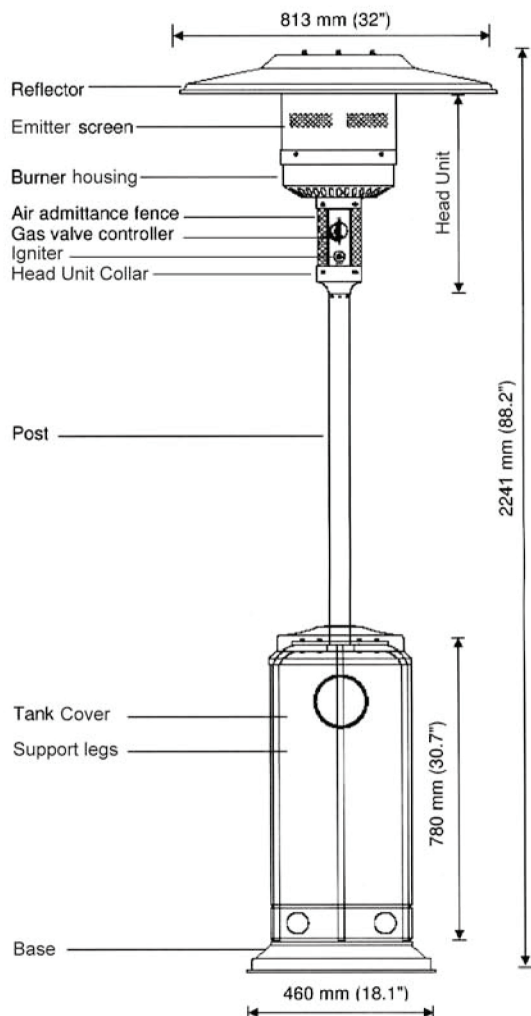


Both ends open





PARTS AND SPECIFICATIONS



A. Construction and characteristics

- Transportable terrace/garden heater with tank cover
- Stainless steel emitter screen
- Heat emission from reflector
- Variable control knob with piezo electric ignition
- Tilt switch shuts off heater automatically when appliance is accidentally knocked down

B. Specifications

- For outdoor use only
- Uses propane or LPG only
- Burner injector: 0.25 mm
- Burner pressure: 2.8 kPa
- Max. wattage: 13 kW
- Min. wattage: 5 kW
- Consumption: 450 g/hr – 870 g/hr
- Weight: Metal w/ powder coating 20.5 kgs. (45.2 lbs.)
or Stainless steel 17.5 kgs. (38.6 lbs.)
- Height: 2241 mm (88.2") including stand
- CSA approved

ASSEMBLY PARTS

Tools needed:

- Open end wrench 10 & 13 mm
- Adjustable opening wrench (2) 20 cm (8") long
- Slip joint pliers 23 cm (9") long
- Philips screwdriver w/ medium blade
- Plumbing tape for joints
- Spray bottle of soap solution for leakage test

Parts supplied:

- Base with tank cover
- Assembly post with 3 pcs support legs.
- CSA approved gas hose 120 cm & pressure regulator
- Reflector 32 " with 6 pcs washers Ø8 mm and 3 pcs M8 castle nuts
- 3 pcs 90 mm pins for reflector support
- 4 pcs bolts M6 x 10 mm for assembly post and burner
- 6 pcs bolts & nuts M6 x 35 mm for post and post brackets
- 3 pcs bolts M8 x 16 mm for post brackets and stand
- 3 pcs ground fixture kits
- 6 pcs M6 x 10 mm ground fixer bolts & nuts

WARNING

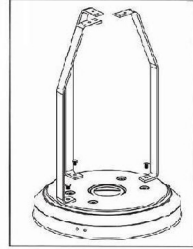
This appliance required regulator that is defined under the GAS REQUIREMENTS, or check with your gas supplier.

ASSEMBLY PROCEDURES

STEP 1

1-1. Put the 3 pcs support legs on each position on the base as shown in the picture.

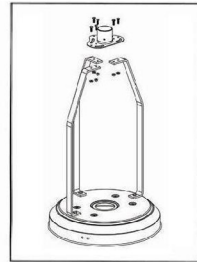
1-2. Use 3 pcs M8 x 16 mm bolts to join the support legs and base.



STEP 2

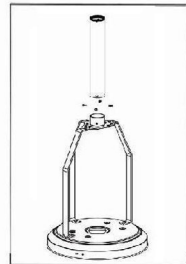
2-1. Put the post support on the top of 3 pcs support legs.

2-2. Use 6 pcs M6 x 35 mm bolts and nuts to connect the post to the 3 pcs support legs. Tighten the bolts and nuts.



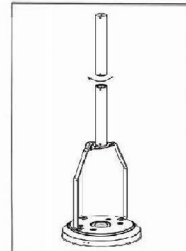
STEP 3

Use 4pcs M6x12mm bolts to connect the first piece of the post assembly to the post support.



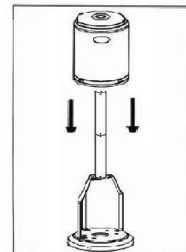
STEP 4

Connect the second piece of the post assembly to the first piece of the post assembly and screw on clockwise.



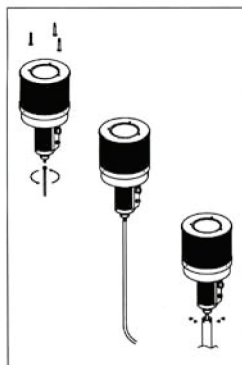
STEP 5

Place the tank cover on the base.



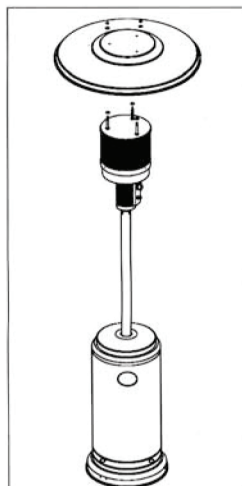
STEP 4

- 4-1. Secure the 3 pcs 90 mm pins (reflector support bolts) on the cap of emitter screen.
- 4-2. Route the gas hose up through the post and out of the top.
- 4-3. Connect the gas hose to the gas burner inlet connector.
- 4-4. Fix the head unit collar to the post with 4 pcs M6 x 10 mm bolts.



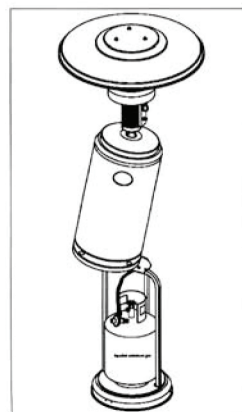
STEP 5

- 5-1. Put Ø8 mm washer on each reflector support bolt.
- 5-2. Fasten the reflector with 3 pcs washers and 3 pcs M8 mm castle nuts.



STEP 6

- 6-1. Lift the tank cover and rest it on the post flange.
- 6-2. Connect the other end of gas hose with regulator to the gas cylinder and tighten.
- 6-3. Put gas cylinder on the stand.
- 6-4. Lower tank cover to base.



OPERATION

TO TURN ON THE HEATER

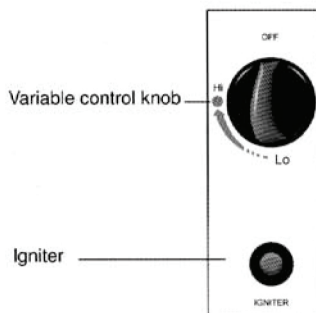
1. Turn on the valve on the gas supply cylinder.
2. Press and turn the variable control knob to HI position (counter-clockwise 90°).
3. Press down the variable control knob and hold for 30 seconds. While holding down the variable control knob, press the igniter button several times until the flame is ignited. Release the variable control knob 10~20 seconds after the ignition.

Note:

- If a new tank has just been connected, please allow at least one minute or more for the air in the gas pipeline to purge out through the pilot hole, or simply do step 3.
 - When lighting the flame make sure that the variable control knob is continuously depressed while pressing the igniter button. Variable control knob can be released after flame is lit for 10~20 seconds.
 - Flame can be watched and checked from the peephole located on the burner housing.
 - To decrease the flame turn the knob to LO position .
4. If the burner flame goes out accidentally or it is blown out by wind, turn off the heater and wait at least 5 minutes or more to let the gas dissipate before re-lighting to avoid possible gas explosion. Repeat steps 2, 3.

TO TURN OFF THE HEATER

1. Turn off the valve on the gas cylinder .
2. Press and turn the variable control knob to OFF position.



WARNING

1. The whole gas system, hose, regulator, pilot or burner should be inspected for leak before use.
2. Check the hose assembly for sign of extreme abrasion, cuts or wears. Suspected areas should be leak tested. If the hose leaks, it must be replaced with a new one that conforms to local standard codes.
3. Avoid twisting the flexible tubes and hoses.
4. Make sure the ventilation opening of the cylinder enclosure, control compartment, burner and circulation air passageways of the heater are free and clear of debris. If debris, spider or insect nests are found, clean the holes with heavy-duty pipe cleaner or compressed air.
5. Always keep a dry chemical fire extinguisher readily available.
6. For safety, always allow a 5-minute complete shut off period before re-lighting a hot heater.

WARNING

Do not move the heater, or cover it with protective cover after it has been turned off until the temperature has cooled down.

REPLACING THE GAS CYLINDER

1. Close the valve of the gas cylinder.
2. Disconnect the regulator from the cylinder following the instructions that came with your regulator.
3. Replace the cylinder.
4. In the absence of any flame, remove the plug or seal cap from the cylinder valve.
5. Check for the presence and good state of the gasket before connecting the regulator.
6. Perform leak test using soapy water solution.

WARNING

1. Changing of cylinder must be undertaken in a flame-free atmosphere.
2. Make sure that all taps on the consuming appliance are in closed position.

STORAGE

- Always close the valve of the gas cylinder after use or in case of a disturbance.
- Remove the pressure regulator and the hose attachment if the heater is not to be used for a period of time.
- Cylinder must be stored outdoors in a well-ventilated area out of the reach of children.
- Disconnected cylinder must have threaded valve plugs tightly installed and must not be stored in garage or any other enclosed area.
- Storage of heater indoors is permissible only if the cylinder is disconnected and removed from the heater.
- Check the tightness of the gas valve and for damage. If you suspect a damage, have it changed by your gas dealer.
- Never store liquid gas cylinder in a sub-terrain, or at places without adequate air ventilation.

CLEANING AND CARE

- Wipe off powder coated surfaces with soft, moist rag and soap water. Do not clean heater with cleaners that are combustible or corrosive.
- Remove debris, spider and insect nests from ventilation opening of the cylinder enclosure, control compartment, burner and circulation air passageways of the heater with heavy-duty pipe cleaner or compressed air to keep appliance clean and safe for use. Never clear ports or other openings with toothpicks or other articles that will break and block the ports.
- If carbon deposits develop, remove the reflector and flame screen and clean them with soapy water. Do not paint the flame screen, control panel or reflector.
- In a salt-air environment, such as near an ocean, corrosion occurs more quickly than normal. Check frequently for corroded areas and repair them promptly. We strongly encourage the use of a vinyl cover in these areas.

WARNING

1. Do not perform maintenance after heater has been turned off until completely cooled.
2. Do not expose the pilot, controllers and parts underneath the burner to water. Do not use the heater if any of these parts are exposed to water until the appliance is inspected or repaired by a qualified service person.

PROBLEMS CHECK LIST

<u>PROBLEM</u>	<u>PROBABLE CAUSE</u>	<u>SOLUTION</u>
Burner will not light	Pressure is low	Tank near empty. Refill gas tank.
	Opening blocked	Remove and clean.
	Control is not ON	Turn valve to ON.
	Thermocouple bad	Replace thermocouple.
	Pilot light assembly bent	Place pilot properly.
	Not in correct location	Position properly and retry.
Burner flame is low	Supply hose is bent or twisted	Straighten hose and perform leak test on hose.
	Blockage in burner injector	Clean or replace burner injector.
Burner flame goes off immediately after ignition	Low gas pressure	Let the pilot flame stay lit for 10 minutes before setting variable knob to LO.
Emitter glows uneven	Blockage in burner injector	Clean or replace burner injector.
	Base is not on a level surface	Place heater on a level surface.
	Low gas pressure	Replace cylinder with a new cylinder.
Thick black smoke	Blockage in burner	Turn off the heater and let it cool. Remove blockage and clear burner inside and outside.
Carbon build-up	Dirt or film on reflector and flame screen	Clean reflector and flame screen.

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Web: www.wtliving.com
Email: cservice@welltraveled.net

1 YEAR LIMITED WARRANTY-Customers in the Continental US

All components are warranted for a period of 1 year after date of purchase by the original owner against defects in materials and workmanship under normal use. This warranty does NOT cover normal wear and weathering, assembly and/or maintenance OR use in a commercial application. At Well Traveled Living's sole discretion, products under warranty will be repaired and/or replaced at no charge to the customer. Any returns sent back to Well Traveled Living must be sent via prepaid freight and in the original retail packaging.

For warranty service contact Well Traveled Living at the address, phone numbers or internet site and email listed in this owner's manual. Be sure to have your sales receipt, date of purchase and catalogue/model numbers available when calling. All warranty service will be coordinated by the Well Traveled Living's, Amelia Island, Florida service center.

This warranty is extended only to the original purchaser. Proof of purchase will be required before warranty service is rendered. The sales receipt is the only valid proof of purchase. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. Failures and/or damage which result from accident, negligence, misuse, abuse, neglect, mishandling, alteration or modification, failure to maintain, improper assembly or maintenance, service by unauthorized agency or use of unauthorized components or damage that is attributable to acts of God are NOT covered.

*****THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE*****

*****PURCHASER ASSUMES ALL RISKS IN THE ASSEMBLY AND OPERATION OF THIS UNIT*****

*****FAILURE TO FOLLOW WARNINGS AND OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY*****

IN NO EVENT WILL WELL TRAVELED LIVING, OR ITS DIRECTORS, OFFICERS OR AGENTS BE LIABLE TO THE PURCHASER OR ANY THIRD PARTY, WHETHER IN CONTRACT, IN TORT, OR ON ANY OTHER BASIS, FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY, CONSEQUENTIAL, OR INCIDENTAL LOSS, COST, OR DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE SALE, MAINTENANCE, USE, OR INABILITY TO USE THE PRODUCT, EVEN IF WELL TRAVELED LIVING OR ITS DIRECTORS, OFFICERS OR AGENTS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS OR DAMAGES, OR IF SUCH LOSSES, COSTS, OR DAMAGES ARE FORESEEABLE. IN NO EVENT WILL WELL TRAVELED LIVING, OR ITS OFFICERS, DIRECTORS, OR AGENTS BE LIABLE FOR ANY DIRECT LOSSES, COSTS OR DAMAGES THAT EXCEED THE PURCHASE PRICE OF THE PRODUCT.

SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO THE PURCHASER.

This limited warranty gives you specific legal rights and you may also have other rights which vary from jurisdiction to jurisdiction. The provisions of the United Nations Convention on Contracts for the Sales of Goods shall not apply to this limited warranty or the sale of products covered by this limited warranty.

*****IMPORTANT NOTICE*****

-Do **NOT** return to place of purchase-
For customer service and warranty issues
contact our Customer Service Center at:
(866)-985-7877 OR

Email: cservice@welltraveled.net

Customer Service Hours: Mon. – Fri. 9:00 a.m. – 6:00 p.m. (EST)

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